An Expedition Is Now Boring 1,000 Peet

ed from the Brisish gunbent Penguin in the Htde mand of Funarutt, in the Ellice group, the coral rook. They have been instructed to been to a depth of at least 600 feet, but if he conditions are favorable, they intend to go down 1,000 feet. Darwin's wish is coming rie at last, "I wish," he wrote in 1981,"that some doubly rich millionairs would take it thto his head to have borings made in some the Pacific and Indian atolls, and bring home cores for slocing from a depth of 500 or The late Prof. Dana also wrote, in con, that "bornes in coral islands are the true means of investigation."

suchese men are going to try to solve a p a lem on which investigators have not been the or agree. They expect to prove how coral shinds are formed, and they are boring through one of them to find what it rests on. The leader of the party is Mr. W. J. Soilas, green's of georagy in the University of Dub-

BORING THROUGH CORAL, come the later investigators, beginning with Prof. Semrer in 1863, and they say that throughout a great part of the areas where the coral polyps have builded there is no evidence whatever of any subsidence. On the contract, they find evidence of long continued and very extensive uphenval. They find sections as to the Formation of Least Beefs, Several white men have recently been land, several sections upon the ancient mud formed by the remains of such deep sea organisms as those upon which the Challenger expectition the Brighs multiple group, being through in coral rock. They have been instructed a bere to a depth of at least 600 feet, but if the conditions are favorable, they intend to go observers, he said, "must decide between ins." It has also been found in recent times that occasing aboats are far more numerous than Darwin about are more numerous than Darwin about are far more numerous than Darwin about are far more numerous than Darwin about are far more numerous than Darwin are managered and Mr. Mustakana. It has also been found in resent times that occanic shoals are far more numerous than occanic shoals are far more numerous than Darwin ever suspected, and Mr. Buchanan, who has examined some of these shoals in the Atlantic, revealed by the laying of cables, says that deep sea coral would grow. After all, the trooles, the reef coral would grow. After all, the rival theories of Darwin and his supporters on one side and of Murray. Semeor, and others on the other, are not antagonistic, and may be found to be merely supplementary. Both hypotheses may be true under differing conditions, and the boring new going on in the Elice group is likely to have most interesting results, for if Prof. Selias succeeds he will show in a typical atoll, where there is no evidence of upheaval, whether the coral rests upon subsided took, as Darwin believed, or whether accumulated sediments brought a foundation within reach of the coral builder.

CYRUS C. ADAMS.

# GUNS BANGING IN MAINE

A GREAT RUSH OF HUNTERS AT THE OPMNING OF THE SEASON.

Elvalry for the Honor of Killing the Pirst Deer-Good Guides Scarce A Monry-moon in the Woods-Deer Pienty and Tame, While Buil Moose Are Scarce, Nonchoss, Ma., Oct. 9.-Fully a dozen men came out to the railroad on Thursday forencon, bringing what they claimed was the first deer killed in the open season. One man paddled down Schoolic Laze soon after 7 o'clock with a big buck that weighed fully 100 pounds. He was followed an hour later by two more men with small does. They raced clear across the lake to see which one could get in ahead, and when they found that a buck had already arrived they were sorry. Up at Stacy-ville and Grindstone, and further down at Milnocket, the long-sought "first deer" kept coming in all day, the proud marksmen shout-ing the fact from cances far up the lakes. They met and quarreied on questions of precedence. argued about the correctness of watches, and almost came to blows in supporting their claims. According to the stories they told, more than fifty hunters sat up all night on the evening of Sept. 30 in order to get the first crack at a deer at the beginning of open season. Among this mass of contradictory evidence it is hard to learn the truth.

ARMY CHANCES AND CHANGES,

Existing and Prospective Vacanetes - Realth Conditions of the Service.

WASHINGTON, Oct. 10. - Before Secretary Lanent's term expires there will be, including those now pending, three or four vacancies in the Substetence Department, one of them being that of the Commissary tieneral, five in the ment, and half a doz-n of these have for some time existed. The staif is hardly more interested in these vacancies than the subalterns of the line, because appointments to them from the latter, will, insure promotions, and these, in turn, will open more vacancies for the addispecific piaces. Of these additionals there are still sixteen

in the cavairy, ten in the infantry, eight in the artillery, and three in the engineers, making tion since the list of surplus West Point graduwill be filled, and not all can be expected for order a number of officers before a retiring grounds. Board, including some that have been reported

GAME PLENTY IN SULLIFAN COUN-TY, BUT KEPT FROM THEM

DEER HUNTERS DISGUSTED.

Perest Lands Guarded Strictly Against Munters-As Eightshman Who Wanted Excitement and Got It from a Sear-Disputes by Sunters Over the Quarry.

PORT JERVIS, Oct. 10.-Since Oct. 1, when the season for deer opened in Pike county. Pa., and in five Sullivan county towns in this State, the woods have been full of sportsmen. Many of them are now returning home disappointed and disgusted, especially those who set out with the expectation of shooting deer within the ffreen days allowed by law in Sullivan county. Some of them say that there are so many hunt-rain the woods that it is positively dangerous to hunt owing to the risk of being mistaken for a deer and being shot. They all say it is very difficult thirty-seven in all. This shows a fair reduct to find a piece of forest in Sullivan where the owner will allow hunters to get on the runwars. ates was made up in June. Resides, h is said. One large landowner of Lebanon Luke has rentthat there are still ninoteen vacancies on the ed all the wild land that he could in that part of limited retired list, and, should these be all the county for just the fitteen days of the deer available, the number of additionals would be season. He has a large force of men patrolling brought down a full half. Perhaps not all his forests, and hunters are driven off. The Hartwood Club, it is said, has two men watchthe line, but the Secretary is preparing to ing to shoot any dogs that may be caught on its

The steer are plentiful enough in the townin the year's inspections, or by medical officers, ships where the law allows hunting, and toers